

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Previously Presented) A method of performing a location service with respect to a  
2 mobile station, comprising:
  - 3 communicating, to the mobile station, a paging message containing an indication of  
4 whether the paging message is related to at least one of an emergency-related location service  
5 and a law enforcement-related location service, the indication having a first state to indicate that  
6 the paging message is related to at least one of the emergency-related location service and the  
7 law enforcement-related location service; and
  - 8 receiving information regarding the location of the mobile station.
- 1 2. (Cancelled)
- 1 3. (Previously Presented) The method of claim 1, wherein communicating the paging  
2 message containing the indication comprises sending one of a general page message (GPM)  
3 containing the indication and a universal page message (UPM) containing the indication.
- 1 4. (Previously Presented) The method of claim 3, wherein communicating the paging  
2 message comprises sending a page containing a first information element to identify service  
3 option 35 or service option 36, and a second information element to indicate whether the page is  
4 related to the emergency-related location service or law enforcement-relate location service.
- 1 5. (Original) The method of claim 4, further comprising a base station setting a state of the  
2 second information element based on a state of a field in a paging request from a mobile  
3 switching center indicating whether the paging request is related to the emergency-related  
4 location service or the law enforcement-related service.
- 1 6. – 7. (Cancelled)

1 8. (Previously Presented) A method of performing a location service with respect to a  
2 mobile station, comprising:

3 communicating a paging message in a mobile communications network containing an  
4 indication of whether the paging message is related to at least one of an emergency-related  
5 location service and a law enforcement-related location service;

6 communicating information regarding the location of the mobile station,

7 wherein communicating the paging message comprises sending a paging request  
8 containing the indication from a mobile switching center to a base station;

9 the mobile switching center receiving a position request containing a field indicating  
10 whether the position request is related to at least one of the emergency-related location service  
11 and the law enforcement-related location service; and

12 the mobile switching center setting a state of the indication in the paging request based on  
13 the field contained in the position request.

1 9. (Original) The method of claim 8, wherein receiving the position request comprises  
2 receiving an InterSystemPositionRequest INVOKE (ISPOSREQ) message containing a CTYP  
3 field, the CTYP field indicating whether the position request is related to at least one of the  
4 emergency-related location service and the law enforcement-related location service.

1 10. (Cancelled)

1 11. (Original) The method of claim 1, further comprising sending a position determination  
2 data message (PDDM) containing an indication of whether the PDDM is related to at least one of  
3 an emergency-related location service and a law enforcement-related location service.

1 12. (Original) The method of claim 11, wherein sending the PDDM message comprises  
2 sending an TIA/EIA/IS-801 PDDM message.

1 13. (Original) The method of claim 11, further comprising:  
2 receiving a position request containing a field indicating whether the position request is  
3 related to at least one of the emergency-related location service and the law enforcement-related  
4 location service; and

5 setting a state of the indication in the PDDM based on a state of the field in the position  
6 request.

1 14. (Original) The method of claim 13, wherein receiving the position request containing the  
2 field comprises receiving a GeoPositionRequest INVOKE (GPOSREQ) message containing a  
3 CTYP field.

1 15. (Previously Presented) A method comprising:  
2 receiving a paging message by a mobile station that is not on a traffic channel and that is  
3 configured to accept an emergency-related location service or a law enforcement-related location  
4 service but not a value-added service location service, the paging message containing an  
5 indication that the paging message is related to at least one of the emergency-related location  
6 service and the law enforcement-related location service; and

7 the mobile station responding to the paging message by sending a page response  
8 indicating acceptance of a location service-related service option specified in the paging  
9 message.

1 16. (Previously Presented) The method of claim 15, further comprising the mobile station  
2 determining, by examining the paging message, that the location service-related service option  
3 requested in the paging message should be accepted, based on association of the paging message  
4 with either an emergency-related location service or a law enforcement-related location service.

1 17. (Previously Presented) The method of claim 15, further comprising:  
2       the mobile station communicating position determination data messages (PDDMs) on the  
3 traffic channel with a position determination entity (PDE);  
4       the mobile station determining whether one or more received PDDMs are related to the  
5 emergency-related location service or law enforcement-related location service; and  
6       in response to determining that the one or more received PDDMs are related to the  
7 emergency-related location service or law enforcement-related location service, the mobile  
8 station accepting request elements in the one or more received PDDMs.

1 18. (Currently Amended) An article comprising at least one storage medium containing  
2 instructions that when executed cause a mobile station in a wireless communications network to:  
3       receive messaging to cause the mobile station to move to a traffic channel of the wireless  
4 communications network in response to a callback by at least one of an emergency services  
5 entity and a law enforcement entity;  
6       receive a location request on the traffic channel containing an indication that the location  
7 request is related to at least one of an emergency-related location service and a law enforcement-  
8 related location service; and  
9       send location information of the mobile station in response to the location request.

1 19. (Original) The article of claim 18, wherein receiving the location request comprises  
2 receiving a position determination data message (PDDM) containing the indication.

1 20. (Original) The article of claim 18, wherein the mobile station has been configured to  
2 accept an emergency-related location service or a law enforcement-related location service but  
3 not a value-added service location service,  
4       the instructions when executed causing the mobile station to determine whether to accept  
5 the location request based on the indication contained in the location request,  
6       wherein sending the location information is performed in response to determining that the  
7 location request is to be accepted.

1 21. (Original) The article of claim 18, wherein the instructions when executed cause the  
2 mobile station to further:

3 receive a page from a base station, the page containing an indication that the page is  
4 associated with at least one of an emergency-related location service and a law enforcement-  
5 related location service; and

6 respond to the page by accepting a service option of the page based on the indication.

1 22. (Previously Presented) A system comprising:

2 an interface to communicate a paging message to a mobile station; and

3 a controller to set an indication in the paging message for indicating that the paging  
4 message is related to at least one of an emergency-related service and a law enforcement-related  
5 location service.

1 23. (Previously Presented) The system of claim 22, wherein the controller is adapted to send  
2 the paging message to the mobile station in response to an idle-mode query initiated by an  
3 emergency services entity to the mobile station.

1 24. (Cancelled)

1 25. (Currently Amended) The system of claim 22, comprising a base station including the  
2 interface and controller, wherein the paging message comprises a page from the base station to  
3 the mobile station to initiate a call with the mobile station.

1 26. (Original) The system of claim 22, wherein the controller is adapted to send data over a  
2 traffic channel, the data comprising a position determination data message (PDDM) containing  
3 an indication of whether the PDDM is related to emergency services.

- 1 27. (Previously Presented) A mobile station comprising:
  - 2 an interface to receive a page containing an indication that the page is related to at least
  - 3 one of an emergency-related location service and a law enforcement-related location service; and
  - 4 a controller to respond to the page based on the indication.
- 1 28. (Previously Presented) The mobile station of claim 27, wherein the mobile station is  
2 configured to accept a service option specified by a page relating to an emergency-related  
3 location service or a law enforcement-related location service, but not to accept another service  
4 option specified by a page relating to a value-added location service,  
5 the controller to accept the received page in response to the indication indicating that the  
6 page is related to the emergency-related location service or law enforcement-related location  
7 service.
- 1 29. (Previously Presented) The mobile station of claim 28, wherein the received page  
2 contains a first information element to indicate that the page is location-related, and a second  
3 information element to indicate that the page relates to an emergency service or a law  
4 enforcement service.
- 1 30. (Original) The mobile station of claim 27, comprising one of a mobile phone, a portable  
2 computer with a wireless modem, a wireless-enabled personal digital assistant (PDAs), and a  
3 global positioning system (GPS) device.
- 1 31. (New) The method of claim 1, wherein communicating the paging message to the mobile  
2 station comprises communicating a page from a base station to the mobile station, the page  
3 containing the indication of whether the page is related to the at least one of the  
4 emergency-related location service and a law enforcement-related location service, and the page  
5 sent by the base station to the mobile station to initiate a call with the mobile station.

1 32. (New) The method of claim 15, wherein receiving the paging message comprises  
2 receiving a page from a base station to initiate a call with the mobile station, the page containing  
3 the indication that the page is related to at least one of the emergency-related location service and  
4 the law enforcement-related location service.

1 33. (New) The mobile station of claim 27, wherein the page received by the mobile station is  
2 sent by a base station to initiate a call with the mobile station.